

(FILE 'HOME' ENTERED AT 12:20:59 ON 29 OCT 2004)

FILE 'USPATFULL, CAPLUS' ENTERED AT 12:32:57 ON 29 OCT 2004

```
L1      217 FILE USPATFULL
L2      660 FILE CAPLUS
TOTAL FOR ALL FILES
L3      877 S ?PHYTOSPHINGOSINE OR ACETYLPHYTOSPHINGOSINE
L4      2355 FILE USPATFULL
L5      11360 FILE CAPLUS
TOTAL FOR ALL FILES
L6      13715 S (LYSO? (2W) (PHOSPHATIDIC OR PHOSPHATE)) OR (LYSOPHOSPHA?)
L7      5 FILE USPATFULL
L8      1 FILE CAPLUS
TOTAL FOR ALL FILES
L9      6 S L3 (1S)L6
L10     24 FILE USPATFULL
L11     7 FILE CAPLUS
TOTAL FOR ALL FILES
L12     31 S L3 AND L6
L13     19 FILE USPATFULL
L14     6 FILE CAPLUS
TOTAL FOR ALL FILES
L15     25 S L12 NOT L9
L16     0 FILE USPATFULL
L17     0 FILE CAPLUS
TOTAL FOR ALL FILES
L18     0 S L3/CLM (1S) L6/CLM
L19     2 FILE USPATFULL
L20     0 FILE CAPLUS
TOTAL FOR ALL FILES
L21     2 S L3/CLM AND L6/CLM
```

=>

=> save all

ENTER NAME OR (END):110662002/1

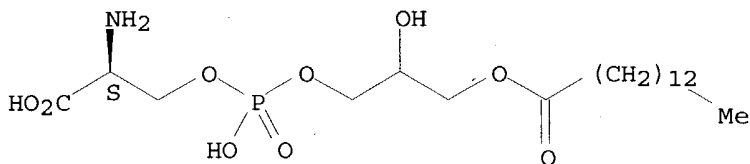
L# LIST L1-L21 HAS BEEN SAVED AS 'L10662002/L'  
75% OF LIMIT FOR SAVED L# LISTS REACHED

L9 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 87746-74-5 REGISTRY  
CN L-Serine, 2-hydroxy-3-[(1-oxotetradecyl)oxy]propyl hydrogen phosphate  
(ester) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **1-Myristoyllysophosphatidylserine**  
FS STEREOSEARCH  
MF C20 H40 N O9 P  
LC STN Files: CA, CAPLUS, USPATFULL  
DT.CA Caplus document type: Journal; Patent  
RL.P Roles from patents: BIOL (Biological study)  
RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

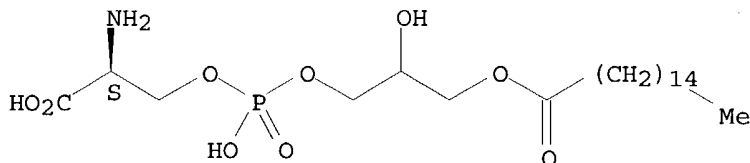
3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 75795-82-3 REGISTRY  
CN L-Serine, 2-hydroxy-3-[(1-oxohexadecyl)oxy]propyl hydrogen phosphate  
(ester) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **1-Palmitoyllysophosphatidylserine**  
FS STEREOSEARCH  
MF C22 H44 N O9 P  
CI COM  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
DT.CA Caplus document type: Journal; Patent  
RL.P Roles from patents: BIOL (Biological study); USES (Uses)  
RL.NP Roles from non-patents: BIOL (Biological study); PROC (Process)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6 REFERENCES IN FILE CA (1907 TO DATE)  
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 51826-99-4 REGISTRY  
CN L-Serine, 2-hydroxy-3-[(1-oxooctadecyl)oxy]propyl hydrogen phosphate

(ester) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-Stearyllysophosphatidylserine

FS STEREOSEARCH

MF C24 H48 N O9 P

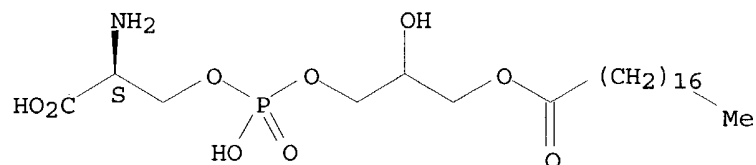
LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal; Patent

RL.P Roles from patents: PREP (Preparation)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L13 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN

RN 308067-30-3 REGISTRY \*

\* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN\* at an online arrow prompt (=>).

CN Glycosphingolipids (CA INDEX NAME)

OTHER NAMES:

CN Bioceramides LS

CN Carbohydrates and Sugars, sphingolipid complexes

CN Ceramide oligosides

CN Ceramides, oligosyl

CN Cerebrosides, 1-O-oligoglycosyl

CN **Sphingoglycolipids**

CN Sphingolipids, carbohydrate complexes

MF Unspecified

CI MAN, CTS

SR CA

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

L13 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN

RN 11013-69-7 REGISTRY \*

\* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN\* at an online arrow prompt (=>).

CN Globosides (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Glycosphingolipids, globosides

OTHER NAMES:

CN **Sphingoglycolipids, globoside**

DR 55324-92-0

MF Unspecified

CI MAN, CTS

LC STN Files: AGRICOLA, CAOLD

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

Del.); phenoxyethanol; **phytosphingosine**; pine needle oil;  
PLANSERVATIVE (available from Campo Research); propyl paraben; purslane;  
quillaira; rhubarb; rose geranium oil; rosemary; sage; salicylic acid;.

SUMM . . . the N-acetyl derivatives, a preferred example of which is  
N-acetyl-L-cysteine; thiols, e.g. ethane thiol; hydroxy acids, phytic  
acid, lipoic acid; **lysophosphatidic acid**; skin peel agents  
(e.g., phenol and the like); Actein 27-Deoxyactein Cimicifugoside  
(available from Cirmigside); adapalene; ademethionine; adenosine;  
aletris extract; . . .  
SUMM . . . panthenol; panthetine; phosphodiesterase inhibitors; PHYTO/CER  
(available from Interger); phytoglycolipid millet extract (available  
from Barnet Products Distributer, located in Englewood, N.J.);  
**PHYTOSPHINGOSINE** (available from Gist Brocades, located in King  
of Prussia, Pa.); PSENDOPILAGGRIN (available from Brooks Industries,  
located in South Plainfield, N.J.); . . .  
SUMM . . . arginine, oat beta glucan, oat extract, orange, panthenol,  
papain, phenoxyacetic acid, peony bark, peony root, Phytoplennin  
(available from Bio Botanica), **phytosphingosine**, Preregen  
(available from Pentapharm), purslane, QUENCH T (available from  
Centerchem), quillaia, red sage, rehmannia, rhubarb, rosemary,  
rosmarinic acid, royal jelly, . . .

ACCESSION NUMBER: 2002:9654 USPATFULL  
TITLE: Cleansing articles for skin and/or hair which also  
deposit skin care actives  
INVENTOR(S): Albacarys, Lourdes Dessus, West Chester, OH, United  
States  
McAtee, David Michael, Mason, OH, United States  
Deckner, George Endel, Cincinnati, OH, United States  
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United  
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6338855	B1	20020115
APPLICATION INFO.:	US 1999-296334		19990422 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-65991, filed on 24 Apr 1998, now abandoned Continuation-in-part of Ser. No. US 1997-974033, filed on 19 Nov 1997, now abandoned Continuation-in-part of S		

HIS PATENT.

L13 ANSWER 14 OF 19 USPATFULL on STN

SUMM . . . composition for skin of the invention include  
glycerophospholipid of monoacyl ester type or diacyl ester type. They  
are itemized as **lysophosphatidyl** choline,  
**lysophosphatidyl** ethanolamine, **lysophosphatidyl**  
serine, **lysophosphatidyl** inositol, phosphatidyl choline,  
phosphatidyl ethanolamine, phosphatidyl inositol, phosphatidyl serine,  
phosphatidyl glycerol, phosphatidic acid and sphingomyelin. Natural  
source lecithin (e.g. yolk). . .

SUMM . . . acid bacteria, sterol (e.g. cholesterol, provitamin D.sub.3,  
campesterol, stigmasterol, stigmasterol, 5-dihydrocholesterol,  
 $\alpha$ -spinasterol, cholesterol fatty acid ester), sphingosine (e.g.  
sphingosine, dihydrosphingosine, **phytosphingosine**,  
dehydrosphingosine, **dehydrophytosphingosine**, sphingadienine),  
ceramide, pseudoceramide, saponin, chitin derivatives, oligosaccharide  
(e.g. maltose, xylobiose, isomantose, lactose, sucrose, raffinose,  
maltotriose, xylotriase, maltotetraose, xylo-tetraose, maltopentaose,  
xylopentaose, . . .

ACCESSION NUMBER: 2002:12038 USPATFULL  
TITLE: EXTERNAL COMPOSITION FOR SKIN COMPRISING  
SPHINGOGLYCOLIPID  
INVENTOR(S): MURATA, KATSUMI, TOKYO, JAPAN  
NOZAWA, TAKASHI, TOKYO, JAPAN  
HARA, HISAKO, TOKYO, JAPAN  
ASAI, MICHIKI, TOKYO, JAPAN  
WAKAYAMA, SACHIO, TOKYO, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002006414	A1	20020117
	US 6348201	B2	20020219
APPLICATION INFO.:	US 1998-84394	A1	19980527 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-141768	19970530
	JP 1997-141769	19970530
	JP 1997-141770	19970530
	JP 1997-141771	19970530
	JP 1998-9963	19980121
	JP 1998-61749	19980312

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: BROWDY AND NEIMARK, P.L.L.C., 624 NINTH STREET, NW,  
SUITE 300, WASHINGTON, DC, 20001-53

L13 ANSWER 13 OF 19 USPATFULL on STN

DETD . . . in the cosmetic or the pharmaceutical composition of the present invention include monoacyl ester-type glycerophospholipids and diacyl ester-type glycerophospholipids. Specific examples include **lysophosphatidylcholine, lysophosphatidylethanolamine, lysophosphatidylserine, lysophosphatidylinositol,** phosphatidylcholine, phosphatidylethanolamine, phosphatidylinositol, phosphatidylserine, phosphatidylglycerol, phosphatidic acid and sphingomyelin. Naturally occurring lecithins such as yolk, and hydrogenates of the compounds. . . .

DETD . . . such as cholesterol, provitamin D.sub.3, campesterol, stigmastanol, stigmasterol, 5-dihydrocholesterol,  $\alpha$ -spinastanol and cholesterol fatty acid esters; sphingosines such as sphingosine, dihydrosphingosine, **phytosphingosine,** dehydrosphingosine, **dehydrophytosphingosine** and sphingadienine; ceramides; pseudoceramides; saponins; chitin derivatives; oligosaccharides such as maltose, xylobiose, isomaltose, lactose, sucrose, raffinose, maltotriose, xylotriose, maltotetraose, xylotetraose, . . .

ACCESSION NUMBER: 2002:66640 USPATFULL  
TITLE: Sphingoglycolipid  
INVENTOR(S): Kawahara, Kazuyoshi, Tokyo, JAPAN  
Murata, Katsumi, Tokyo, JAPAN  
PATENT ASSIGNEE(S): KIBUN FOOD CHEMIFA CO., LTD., Tokyo, JAPAN, 105-0004  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002037291	A1	20020328
	US 6723704	B2	20040420
APPLICATION INFO.:	US 2001-894140	A1	20010629 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2000-196204	20000629
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BROWDY AND NEIMARK, P.L.L.C., 624 NINTH STREET, NW, SUITE 300, WASHINGTON, DC, 20001-53	

L13 ANSWER 13 OF 19 USPATFULL on STN

DETD . . . in the cosmetic or the pharmaceutical composition of the present invention include monoacyl ester-type glycerophospholipids and diacyl ester-type glycerophospholipids. Specific examples include **lysophosphatidylcholine, lysophosphatidylethanolamine, lysophosphatidylserine, lysophosphatidylinositol,** phosphatidylcholine, phosphatidylethanolamine, phosphatidylinositol, phosphatidylserine, phosphatidylglycerol, phosphatidic acid and sphingomyelin. Naturally occurring lecithins such as yolk, and hydrogenates of the compounds. . . .

DETD . . . such as cholesterol, provitamin D.sub.3, campesterol, stigmastanol, stigmasterol, 5-dihydrocholesterol,  $\alpha$ -spinasterol and cholesterol fatty acid esters; sphingosines such as sphingosine, dihydrosphingosine, **phytosphingosine**, dehydrosphingosine, **dehydrophytosphingosine** and sphingadienine; ceramides; pseudoceramides; saponins; chitin derivatives; oligosaccharides such as maltose, xylobiose, isomaltose, lactose, sucrose, raffinose, maltotriose, xylotriose, maltotetraose, xylotetraose, . . .

ACCESSION NUMBER: 2002:66640 USPATFULL

TITLE: Sphingoglycolipid

INVENTOR(S): Kawahara, Kazuyoshi, Tokyo, JAPAN

Murata, Katsumi, Tokyo, JAPAN

PATENT ASSIGNEE(S): KIBUN FOOD CHEMIFA CO., LTD., Tokyo, JAPAN, 105-0004  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002037291	A1	20020328
	US 6723704	B2	20040420
APPLICATION INFO.:	US 2001-894140	A1	20010629 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2000-196204	20000629
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BROWDY AND NEIMARK, P.L.L.C., 624 NINTH STREET, NW, SUITE 300, WASHINGTON, DC, 20001-53	